

HOMOGENISER TRANSMITTER SERIES 2000



- < UNBREAKABLE DIAPHRAGM !
- < "ALL STAINLESS" DESIGN
- < EASY CALIBRATION WITHOUT TEST PRESSURE BY 3 PUSH BUTTONS
- < EASY USE
- < 4-20 mA AND HART PROTOCOL
- < ADJUSTABLE DAMPING
- < VARIOUS BLOCK CONNECTIONS
- < MADE IN HOLLAND

Description

Klay Instruments has specially developed a homogeniser transmitter for the food industry. The key point is the unique very strong and thick diaphragm of Duplex steel. This diaphragm is unbreakable and comes in a variety of homogeniser process connections. Both sensor part and blockflange are available in custom made dimensions.

All homogeniser standard connections are available. This transmitter is designed with the electronics of the already succesfull Series 2000 intelligent pressure transmitters.

Features include: microprocessor control, easy operation using 3 push buttons and display without test pressure, adjustable damping and a complete stainless steel housing for the electronics.



Unbreakable diaphragm !

Producent:

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Specifications

Ranges	: 0 - 100 up to 0 - 1000 bar
Overpressure	: 4x range
Accuracy	: 0.5%
Adjustment	: by 3 push buttons and display no test pressure needed
Output	: 4 - 20 mA and HART protocol
Power supply	: 12 - 40 Vdc
Protection	: IP66
Process temperature	: -10 to +100 grC
Temperature effect	: 0.015% / K
Diaphragm material	: Duplex steel
Process connection	: Various homogeniser blocks
Standard block	: L 95 x W 43 x H 28mm, 2 holes other sizes available !
Sensor dimensions	: specify size a,b,c and d (drawing at the bottom, right)

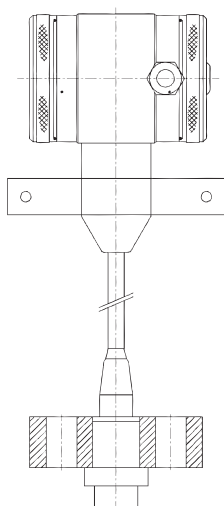
Subject to technical changes

Easy adjustable

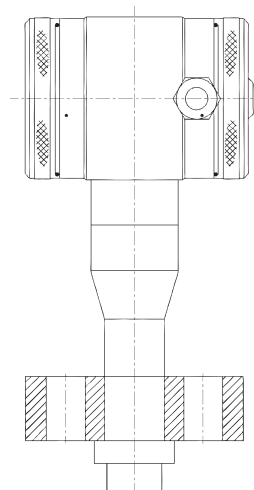


Display with 3 push buttons
(standard)

Cable version : 2000-SAN-Cable(3m)-Range-X45



Compact version : 2000-SAN-Range-X45



Transmitter with cable:

The standard design of the 2000-Homogeniser transmitter is a compact version but the instrument is also available with a cable extension between sensor and electronics housing.

The cable version can be used in situations with extreme vibrations to protect the electronics.
(please refer to the drawing above)

Sensor dimensions

Standard dim.: a: Height 8.2mm
b: Height 14.8mm
c: Diameter 34.5mm
d: Diameter 23mm

